

# Enquiries

## Checklists | Sheet 1 – Parameter

**1. max. lifting force in kN**

per gearbox \_\_\_\_\_ kN    entire system \_\_\_\_\_ kN  
 in tension \_\_\_\_\_ kN    in compression \_\_\_\_\_ kN  
 Load: static \_\_\_\_\_ kN    dynamic \_\_\_\_\_ kN

**Installation axis**

vertical    horizontal    pivoting

**Type of load**

smooth    impact loads    vibration

**2. max. lift/travel** \_\_\_\_\_ mm    effective working stroke \_\_\_\_\_ mm

For short stroke applications

(eff. working stroke < gearbox height):    regular lubrication stroke:    practical    not practical

**3. Lifting speed**

Typ N = 25 mm/s (1,5 m/min)    Typ L = 6,25 mm/s (0,375 m/min)    \_\_\_\_\_ mm/s

**4. Duty factor, work cycle, description of cycle**

\_\_\_\_\_ strokes per hour    \_\_\_\_\_ strokes per day    Hours per day:    8    16    24

**i** For high duty factors or long strokes, please provide an exact detailed description on the following page

**5. Type**    S „Translating screw“    R „Rotating screw“

**6. Version**    ZE-Screw jack    GSZ-Screw jack

**7. Motor**    Three-phase AC motor    with brake    Manual release    \_\_\_\_\_

**8. Operating conditions**    Dry    Humid    Dust    Chipping    \_\_\_\_\_

Guided movement    No guides (no dyn. lateral forces)

Ambient temperature:    min. \_\_\_\_\_ °C    max. \_\_\_\_\_ °C (when < 10 °C and > 40 °C)

**i** If possible please provide an exact description or sketch on the following page

**9. Standard layouts no.:** \_\_\_\_\_    Size:    MA1 \_\_\_\_\_    MA2 \_\_\_\_\_    MA3 \_\_\_\_\_    MA4 \_\_\_\_\_    MA5 \_\_\_\_\_

see standard layouts, checklists sheets 3 and 4 (for multi-jack systems)

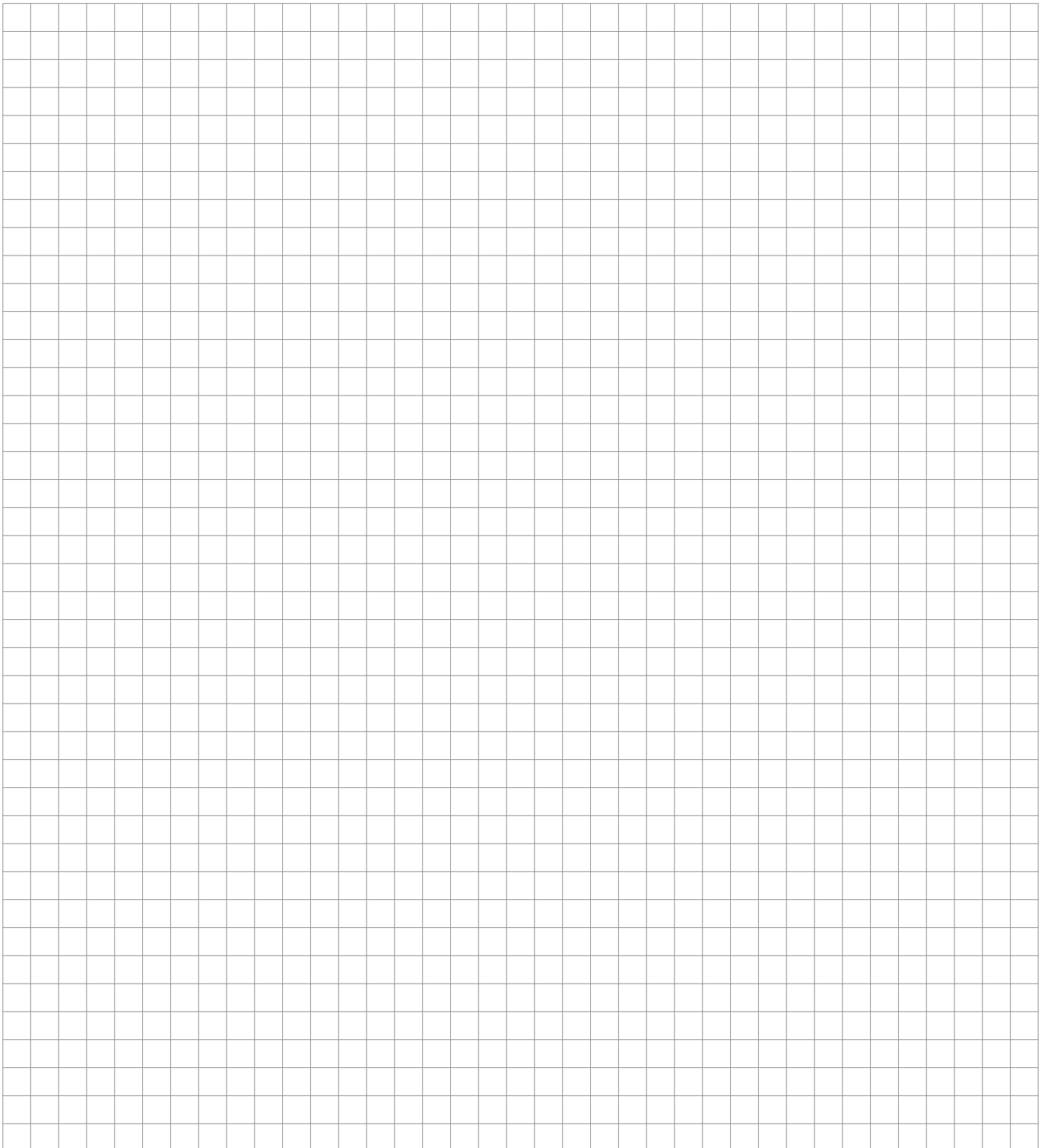
**10. Quantity Required** \_\_\_\_\_    Series    \_\_\_\_\_

**11. Schedule Quotation** \_\_\_\_\_    Delivery    \_\_\_\_\_

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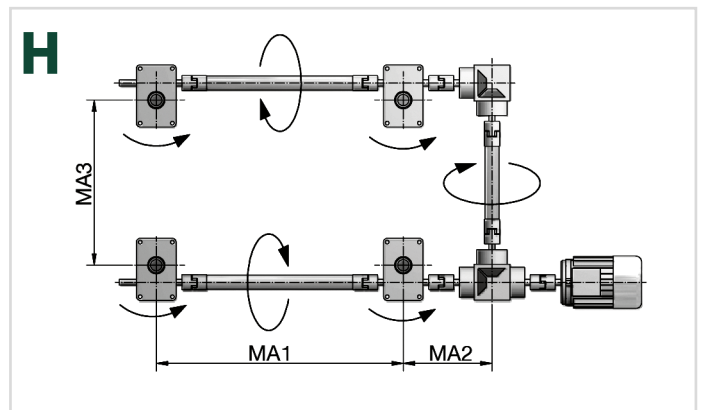
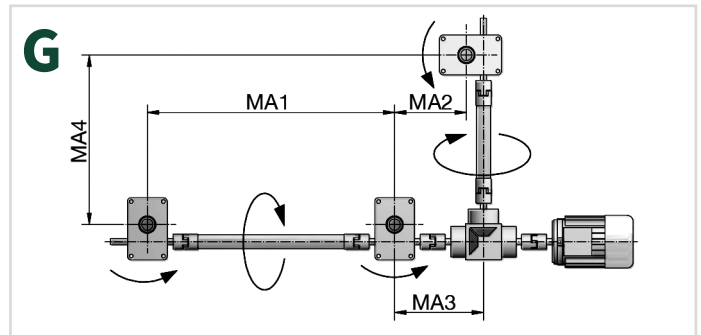
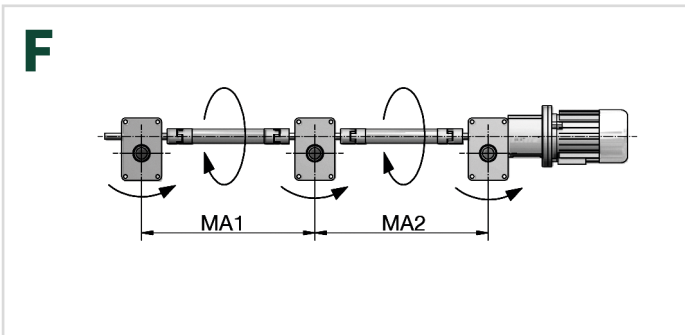
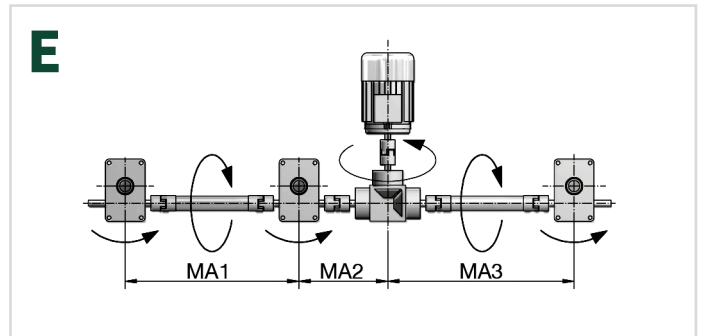
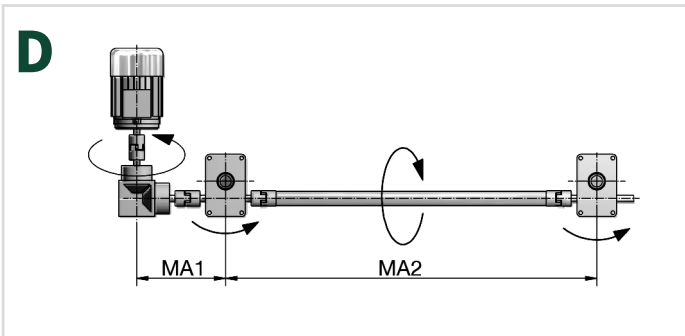
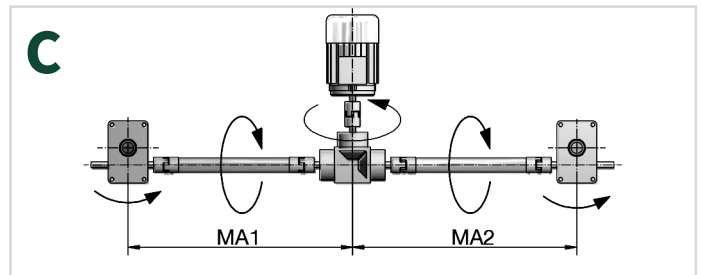
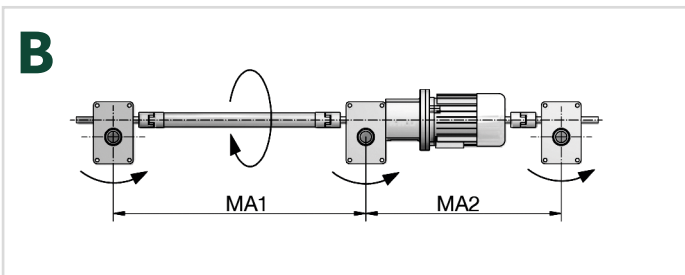
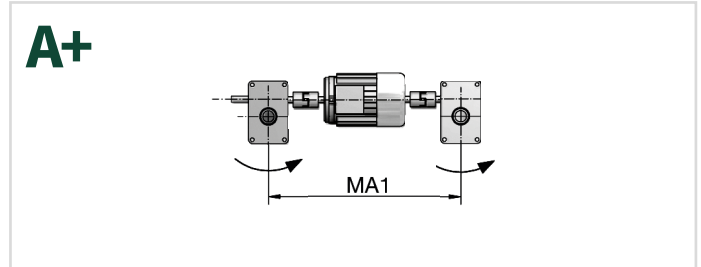
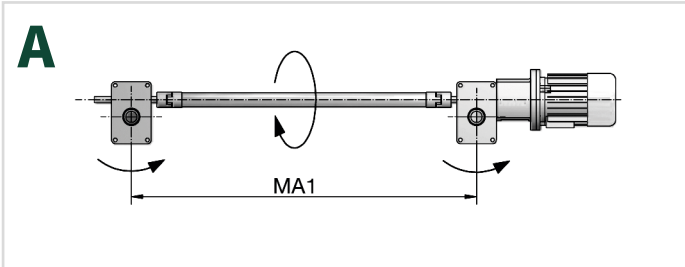
## Checklists | Sheet 2 – Parameter (optional)

**8a. Purpose / description of the function / ambient conditions (description or sketch)**

A large grid of graph paper, consisting of 20 columns and 30 rows of small squares, intended for drawing or sketching a technical diagram or function description.

# Enquiries

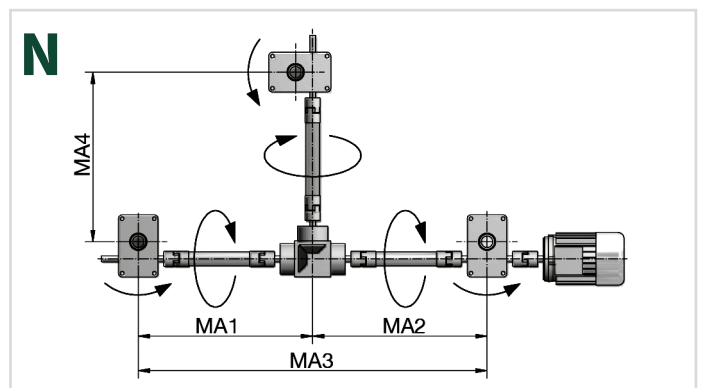
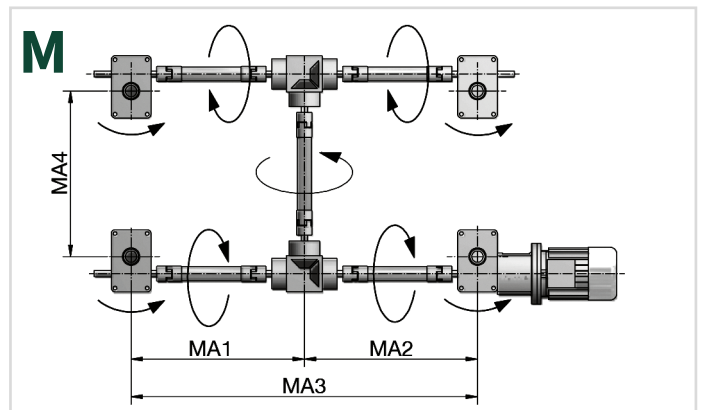
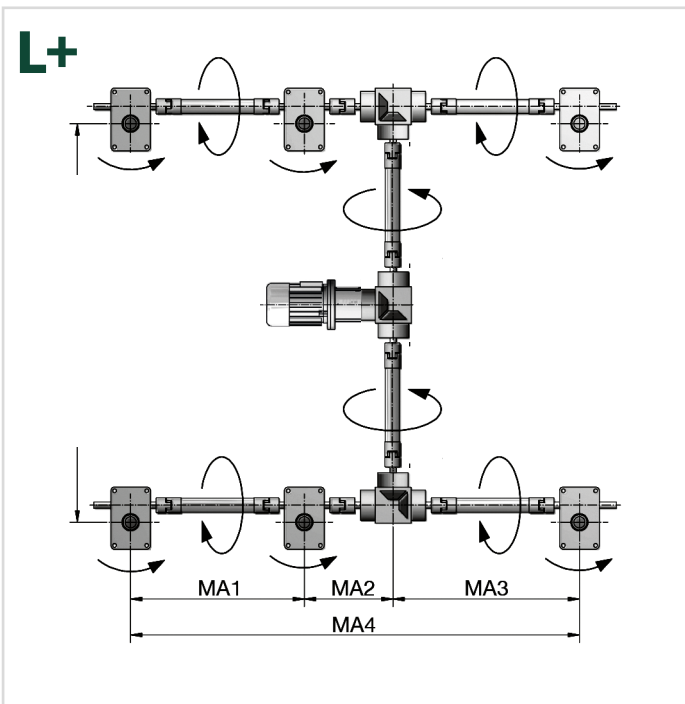
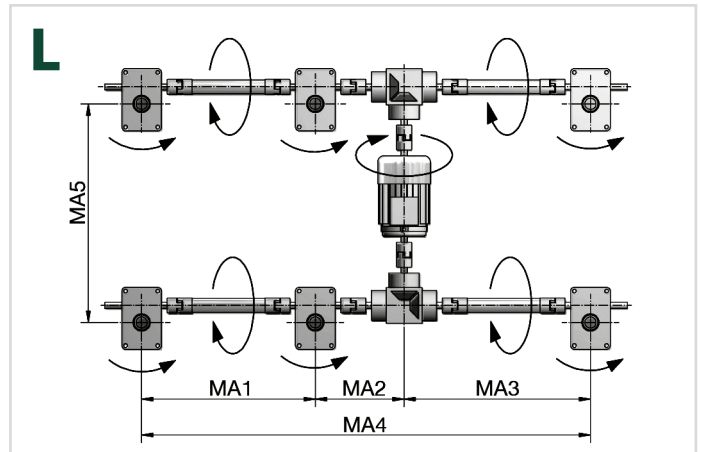
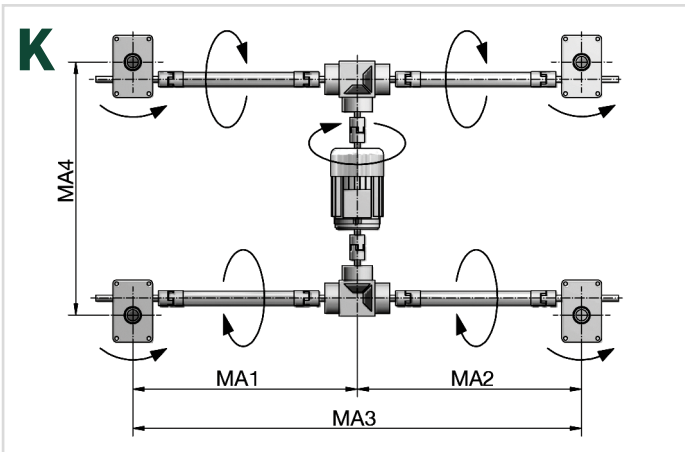
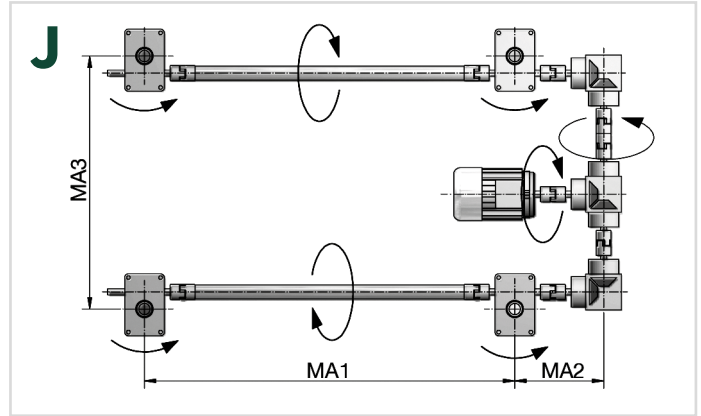
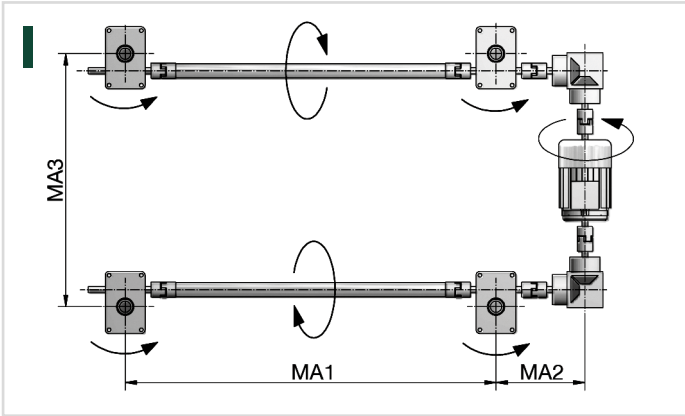
## Checklists | Sheet 3 – System layouts



The most common layouts are shown.  
If your design is different, be sure to check  
the direction of rotation.

# Enquiries

## Checklists | Sheet 4 – System layouts



The most common layouts are shown.  
If your design is different, be sure to check  
the direction of rotation.



# Enquiries

## Checklists | Blatt 5 – List of components S

**Type:**

- SN (translating screw, normal)
- SL (translating screw, low speed)

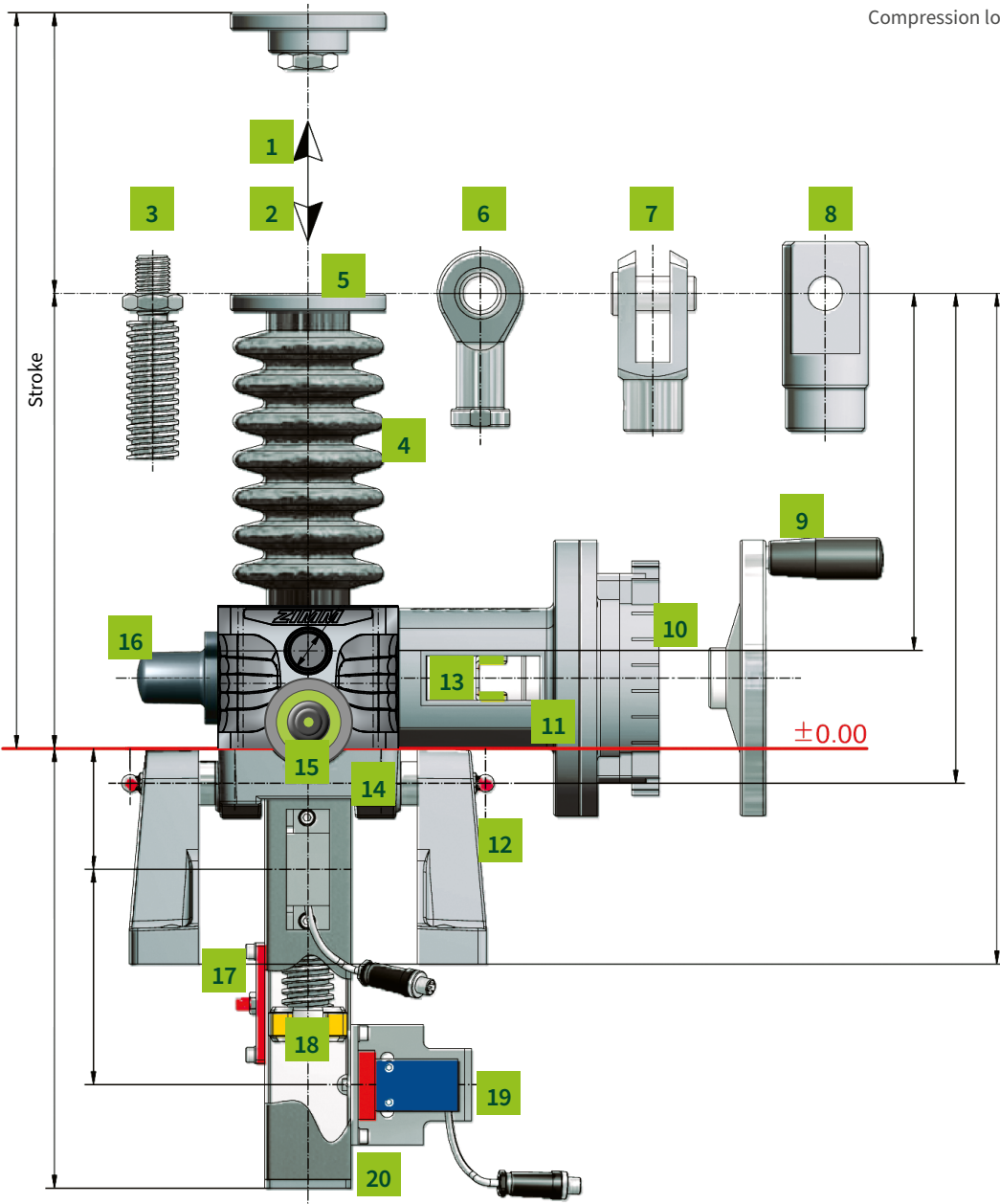
**Variant:**

- Tr Screw
- SIFA Safety nut  
with SIFA monitoring
- KGT Ball screw

**Stroke:**

\_\_\_\_\_ mm

- 1. Tension load (kN): static \_\_\_\_\_
- Tension load (kN): dynamic \_\_\_\_\_
- 2. Compression load (kN): static \_\_\_\_\_
- Compression load (kN): dynamic \_\_\_\_\_



- 3. Standard screw end
- 4. Bellows FB  
Spiral spring SF
- 5. Fixing flange BF
- 6. Rod end KGK
- 7. Forked end GK
- 8. Pivot bearing end SLK
- 9. Handwheel HR  
Motor with brake  
Motor without brake
- 10. Motor with brake  
Motor without brake
- 11. Motor flange MF
- 12. Pivot mount LB
- 13. Coupling KUZ
- 14. Pivot bearing plate KAR
- 15. Lubricator Z-LUB
- 16. Protective cap SK
- 17. Lubrication strip SL
- 18. Rotation protection VS  
Escape protection AS
- 19. 2x limit switch ES
- 20. Protective tube SRO  
Pivoting support tube STRO

**Enquiries**  
**Checklists** | heet 6 - List of components R

**Type:**

- RN (rotating screw, normal)
- RL (rotating screw, low speed)

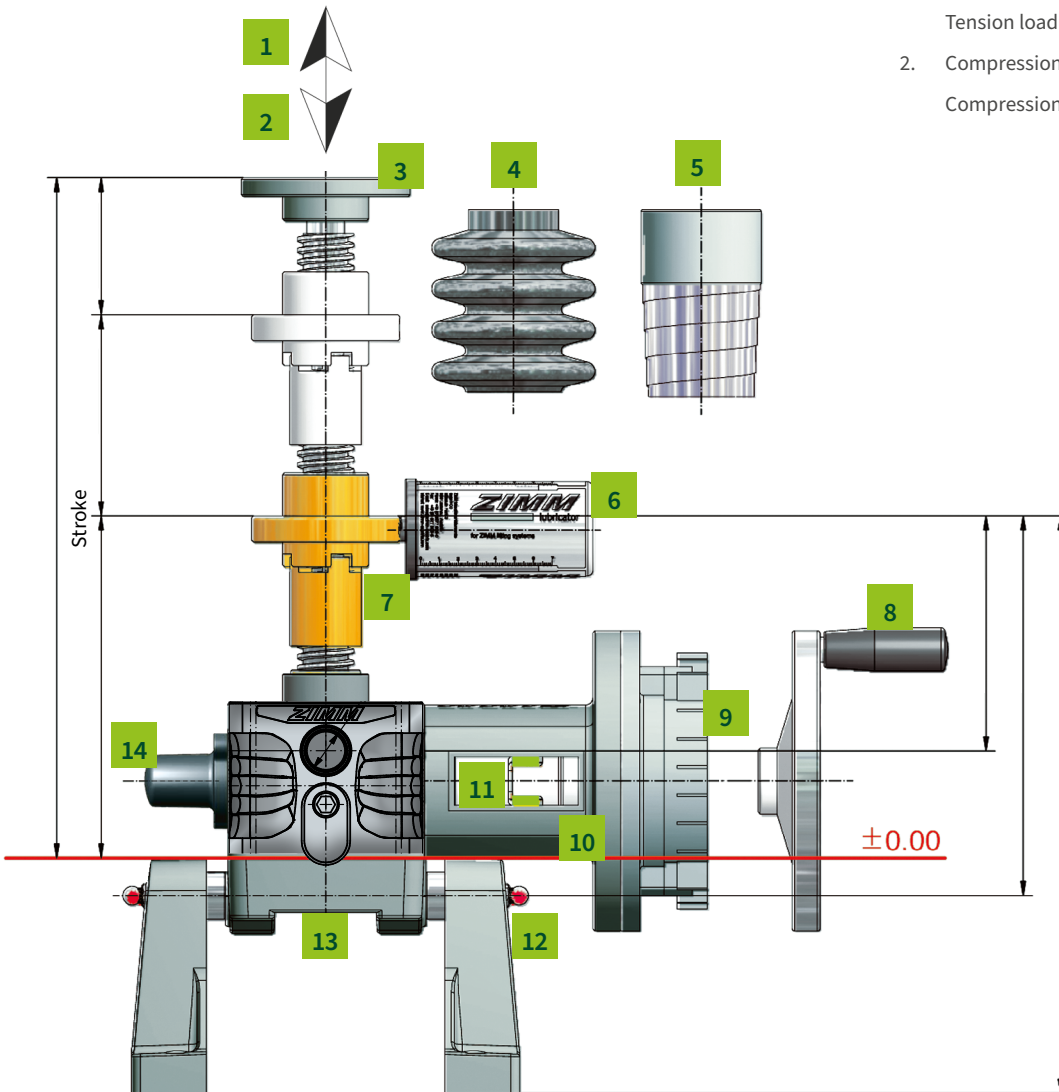
**Variant:**

- Tr Screw
- SIFA Safety nut  
with SIFA monitoring
- KGT Ball screw

**Stroke:**

\_\_\_\_\_ mm

- 1. Tension load (kN): static \_\_\_\_\_
- Tension load (kN): dynamic \_\_\_\_\_
- 2. Compression load (kN): static \_\_\_\_\_
- Compression load (kN): dynamic \_\_\_\_\_



- 3. Opposed bearing plate GLP
- 4. Bellows FB
- 5. Spiral spring cover SF
- 6. Lubricator Z-LUB
- 7. Duplex nut DM  
Tr Flange nut FM  
Cardan adapter DMA  
KGT Flange nut KGT-F  
Self-aligning nut PM  
Greaseless nut FFDM  
Driving flange TRMFL  
Safety nut SIFA  
Wear monitoring-  
SIFA Control
- 8. Handwheel HR
- 9. Motor with brake  
Motor without brake
- 10. Motor flange MF
- 11. Coupling KUZ
- 12. Pivot mounts LB
- 13. Pivot bearing plat KAR
- 14. Protective cap SK